

SA Rod end BRM1-4-00-502-DURBAL - BRM1-4-00-502-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/sa/brm1-4-00-502-durbal>

BRM1/4-00-502



male thread:
long-term
lubrication,
low maintenance,
shields,
dimensions in inches

**DURBAL® heavy-duty rod ends
with integral self-aligning
ball bearing**

rod end housing:
forged steel, case-hardened bearing race,
superfinished, rolled thread, surface gal-
vanized, free of Cr-VI

inner ring:
ball bearing steel, hardened,
superfinished

lubrication:
aluminum-complex soap-grease,
temperature range -45 °C to +120 °C,
approval according to USDA H1

lubrication fitting:
DN 3/425 D11A (sizes 1/4 and 3/8)
DN 71 412 H1 (sizes 1/2 and 1/1)

bearing clearance:
10 - 30 µm radial

tolerances:
see page 10

order number		measurements [inches]								
type	right-hand thread, left-hand thread	d ₁	d ₂	d ₃	d ₄	d ₅	d ₆	b ₁	b ₂	b ₃
BRM 1/4 -00	-502	.250		2500-28 UNF	.356	.787	.354	.265		
measurements [inches]		weight		calculation-factors		rotational speed limit		basic load rating		stat.
type	h	l	l ₃	α [°]	Y	Y ₂	n _{max} [min ⁻¹]	C [N]	C ₀ [N]	C ₁₀ [N]
BRM 1/4	1.437	.866	.551	8,0	0,022	2,09	2,19	1350	2670	645

PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510255
Inside diameter	6.35 mm
Outside diameter	19.99 mm
Thickness	8.99 mm
Type	SA
Weight	22 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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